

## **DETAILED ACTION**

### ***Response to Election Requirement***

1. The response to Election Requirement filed on 3/23/2010 has been entered.  
Group II (claims 11-15) has been elected.

### ***Examiner Amendments***

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
3. This application is in condition for allowance except for the presence of claims 1-10 and 16-27 directed to inventions nonelected without traverse. Accordingly, claims 1-10 and 16-27 are been canceled.

### ***Allowable Subject Matter***

4. Claims 11-15 are allowed.
5. The following is a statement of reasons for the indication of allowable subject matter:
  - The prior art fails to teach an apparatus of Claim 11 that specifically comprises the following:
    - The instant application is deemed to be directed to a non-obvious improvement over the admitted prior art of the instant application and the

invention patented in Pat. No. US 5,187,474, US 5,684,451 and US 6,182,019.

The improvement comprises:

With regard Claim 11, " a second load that includes a controller area network load, and that couples a second load current between the second voltage and the negative lead, the second load current bypassing the resistor; and the loop current controller sensing the second voltage to correct the first current for the load current that bypasses the resistor. " as recited in combination with other limitation in claim 11.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

7. Reference(s) US 5,187,474 and US 5,684,451 are cited because they are put pertinent to transmitter that controls a loop current. However, none of references teach detailed connection as recited in claim.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ted M. Wang whose telephone number is (571) 272-3053. The examiner can normally be reached on M-F, 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh Fan can be reached on 571-272-3042. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866) 217-9197 (toll-free).

/Ted M Wang/  
Primary Examiner, Art Unit 2611